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012904
16638 USPTO

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. MCOG-0004-1

First Inventor SEYFANG, Andreas

Title METHOD FOR MULTIPLE SITE-DIRECTED MUTAGENESIS

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-145010/766190
16591 U.S.PTO
012904

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 23]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
- Oath or Declaration [Total Sheets 1]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Associate POA

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.

Prior application information:

Examiner _____

Art Unit: _____

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | | |
|--|-------|----|---|
| <input checked="" type="checkbox"/> Customer Number: | 22506 | OR | <input type="checkbox"/> Correspondence address below |
|--|-------|----|---|

| | | | | | |
|---------|--|-----------|--------------|----------|--------------|
| Name | Jagtiani + Guttag | | | | |
| Address | Democracy Square Business Center 10363-A Democracy Lane | | | | |
| City | Fairfax | State | Virginia | Zip Code | 22030 |
| Country | United States of America | Telephone | 703.591.2664 | Fax | 703.591.5907 |

| | | | |
|-------------------|-------------------|-----------------------------------|-----------------------|
| Name (Print/Type) | Steven J. Prewitt | Registration No. (Attorney/Agent) | 45,023 |
| Signature | | | Date January 29, 2004 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Patent Fee Transmittal for FY 2004

012904
0638
Applicant Claims Small Entity Status 37 C.F.R. 1.27

TOTAL AMOUNT OF PAYMENT **\$673.00**

| | |
|---------------------|------------------|
| Application Number | To be assigned |
| Filing Date | January 29, 2004 |
| Named Inventor | SEYFANG, Andreas |
| Examiner Name | To be assigned |
| Art Unit | To be assigned |
| Attorney Docket No. | MCOG-0004-1 |

FEE CALCULATION

1. Basic Filing Fee

| Large Entity | Small Entity | Description | Paid |
|--------------|--------------|---------------------------------|--------|
| Code (\$) | Code (\$) | | |
| 1001 770 | 2001 385 | Utility filing fee | \$ 385 |
| 1002 340 | 2002 170 | Design filing fee | \$ - |
| 1003 530 | 2003 265 | Plant filing fee | \$ - |
| 1004 770 | 2004 385 | Reissue filing fee | \$ - |
| 1005 160 | 2005 80 | Provisional filing fee | \$ - |
| 1609 730 | 2609 365 | IPEA U.S. | \$ - |
| 1610 770 | 2610 385 | ISA U.S. | \$ - |
| 1611 1,080 | 2611 540 | USPTO not ISA or IPEA | \$ - |
| 1612 100 | 2612 50 | Claims Meet PCT Art. 33-IPEA/US | \$ - |
| 1613 920 | 2613 460 | Filing with EPO or JPO SR | \$ - |

Basic Fee Subtotal

\$ 385

2. Extra Claim Fee

a. Claims as Filed

Total Claims

| | | | |
|----|-----|---|----|
| 52 | -20 | = | 32 |
| 1 | -3 | = | 0 |

x

Large Entity

Small Entity

Paid

| Large Entity | Small Entity | Paid |
|--------------|--------------|--------|
| Code (\$) | Code (\$) | |
| 1202 18 | 2202 9 | \$ 288 |
| 1201 86 | 2201 43 | \$ - |

Multiple Dependent

b. Claims as Amended

Total Claims

| | | |
|---|---|---|
| 0 | - | 0 |
| 0 | - | 0 |

*

=

0

x

Large Entity

Small Entity

Paid

| Large Entity | Small Entity | Paid |
|--------------|--------------|------|
| Code (\$) | Code (\$) | |
| 1202 18 | 2202 9 | \$ - |
| 1201 86 | 2201 43 | \$ - |

First Presentation of Multiple Dependent

* Less than 20, enter 20 ** Less than 3, enter 3

Extra Claim Fee Subtotal

\$ 288

3. Additional Fees

| Large Entity | Small Entity | Description | Paid |
|--------------|--------------|------------------------------------|------|
| Code (\$) | Code (\$) | | |
| 1251 110 | 2251 55 | Extension for reply first month | \$ - |
| 1252 420 | 2252 210 | Extension for reply second month | \$ - |
| 1253 950 | 2253 475 | Extension for reply third month | \$ - |
| 1254 1,480 | 2254 740 | Extension for reply fourth month | \$ - |
| 1255 2,010 | 2255 1,005 | Extension for reply fifth month | \$ - |
| 1401 330 | 2401 165 | Notice of Appeal | \$ - |
| 1402 330 | 2402 165 | Filing Brief in Support of Appeal | \$ - |
| 1403 290 | 2403 145 | Request for Oral hearing | \$ - |
| 1460 130 | 1460 130 | Petitions to Commissioner | \$ - |
| 1451 1,510 | 1451 1,510 | Petition - public use proceeding | \$ - |
| 1452 110 | 2452 55 | Petition to Revive - Unavoidable | \$ - |
| 1453 1,330 | 2453 665 | Petition to Revive - Unintentional | \$ - |
| 1501 1,330 | 2501 665 | Utility Issue Fee | \$ - |
| 1502 480 | 2502 240 | Design Issue Fee | \$ - |
| 1503 640 | 2503 320 | Plant Issue Fee | \$ - |
| 1504 300 | 1504 300 | Publication Fee | \$ - |
| 1814 110 | 2814 55 | Statutory Disclaimer | \$ - |
| 1811 100 | 1811 100 | Certificate of Correction | \$ - |

3. Additional Fees (cont.)

| Large Entity | Small Entity | Description (cont.) | Paid |
|--------------|--------------|-------------------------------------|------|
| Code (\$) | Code (\$) | | |
| 8021 40 | 8021 40 | Recording each Assignment | \$ - |
| 1806 180 | 1806 180 | Submission of IDS | \$ - |
| 1801 770 | 2801 385 | Request for Cont. Examination | \$ - |
| 1809 770 | 2809 385 | Filing Submission After Final | \$ - |
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | \$ - |
| 1052 50 | 2052 25 | Surcharge - late provisional fee | \$ - |
| 1053 130 | 1053 130 | Non-English Specification | \$ - |
| 1807 50 | 1807 50 | Processing Fee 37 CFR 1.17(q) | \$ - |
| 1812 2,520 | 1812 2,520 | Request for Ex Parte Reexamination | \$ - |
| 1804 920 | 1804 920 | Request Pub. of SIR prior | \$ - |
| 1805 1,840 | 1805 1,840 | Request Pub. of SIR after | \$ - |
| 1810 770 | 2810 385 | Each Add. Invention Examined | \$ - |
| 1802 900 | 1802 900 | Expedited Examination (Design) | \$ - |
| 1551 910 | 2551 455 | Maintenance Fees 3.5 years | \$ - |
| 1552 2,090 | 2552 1,045 | Maintenance Fees 7.5 years | \$ - |
| 1553 3,220 | 2553 1,610 | Maintenance Fees 11.5 years | \$ - |
| 1554 130 | 2554 65 | Surcharge - Late Payment 6 mos. | \$ - |
| | Other fee | | \$ - |

(cont.)

Additional Fee Subtotal

\$ -

METHOD OF PAYMENT

Deposit Account No. **10-0233-MCOG-0004-1**

The Commissioner is hereby authorized to charge the amount shown above and any additional fees which may be required under 37 CFR 1.16, 1.17, 1.18, 1.20 and 1.492 or credit any overpayment to the deposit account number listed above.

| | | | |
|-----------|--|----------|--------------|
| Name | Steven J. Prewitt | Reg. No. | 45,023 |
| Firm | Jagtiani + Guttag | | |
| Address | 10363-A Democracy Lane, Fairfax VA 22030 | | |
| Telephone | 703.591.2664 | Fax | 703.591.5907 |


Signature

January 29, 2004

Date

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

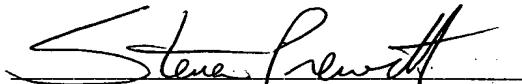
**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

| | |
|----------------------|---|
| First Named Inventor | SEYFANG, Andreas |
| Title | Method for Multiple Site-Directed Mutagenesis |
| Atty Docket Number | MCOG-0004-1 |

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

January 29, 2004

Date



Signature

Steven J. Prewitt

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.